

Title (en)

Optical disk for high resolution and three-dimensional video recording, optical disk reproduction apparatus, and optical disk recording apparatus

Title (de)

Optische Platte für hochauflösende und dreidimensionale Videoaufzeichnung, Wiedergabegerät für optische Platten, und Aufzeichnungsgerät für optische Platten

Title (fr)

Disque optique pour enregistrement en haute qualité et en trois dimensions, appareil de reproduction des disques optiques, et appareil d'enregistrement des disques optiques

Publication

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Application

EP 01101177 A 19971203

Priority

- EP 97946090 A 19971203
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- JP 9700615 W 19970228
- JP 23432097 A 19970829
- JP 28809997 A 19971021

Abstract (en)

[origin: EP0944269A1] In an optical disc on which image signals of high resolution are recorded and a system for reproducing thereof, compatibility with a conventional system for reproducing image signals of normal resolution is to be realized. Image signals of high resolution are divided into a main signal and an auxiliary signal by an image separating member, and a first interleave block (54) and a second interleave block (55) formed by dividing each MPEG-coded stream into groups of frames of one GOP or more are alternately recorded on an optical disc (1). In a reproducing device capable of handling high resolution, both the first and the second interleave blocks are reproduced, thus providing an image of high resolution. On the other hand, in a reproducing device incapable of handling high resolution, only one of the first and the second interleave blocks is reproduced, thus providing an image of normal resolution. <IMAGE>

IPC 8 full level

H04N 5/04 (2006.01); **G11B 7/00** (2006.01); **G11B 7/0037** (2006.01); **G11B 7/004** (2006.01); **G11B 7/007** (2006.01); **G11B 20/10** (2006.01); **G11B 20/12** (2006.01); **H04N 5/44** (2011.01); **H04N 5/45** (2011.01); **H04N 5/85** (2006.01); **H04N 5/91** (2006.01); **H04N 5/92** (2006.01); **H04N 5/93** (2006.01); **H04N 9/804** (2006.01); **H04N 9/82** (2006.01); **H04N 13/239** (2018.01); **H04N 5/46** (2006.01); **H04N 7/50** (2006.01); **H04N 9/79** (2006.01); **H04N 9/806** (2006.01); **H04N 9/877** (2006.01)

CPC (source: EP KR US)

G11B 20/00007 (2013.01 - EP US); **G11B 20/10222** (2013.01 - EP US); **G11B 20/10527** (2013.01 - EP US); **G11B 20/1217** (2013.01 - EP US); **G11B 20/14** (2013.01 - EP US); **G11B 27/005** (2013.01 - EP US); **G11B 27/10** (2013.01 - EP US); **G11B 27/105** (2013.01 - EP US); **H04N 5/04** (2013.01 - EP US); **H04N 5/45** (2013.01 - EP US); **H04N 5/765** (2013.01 - EP US); **H04N 5/85** (2013.01 - EP US); **H04N 9/8042** (2013.01 - EP US); **H04N 9/8045** (2013.01 - EP US); **H04N 9/8227** (2013.01 - EP US); **H04N 13/00** (2013.01 - KR); **H04N 13/144** (2018.04 - EP US); **H04N 13/161** (2018.04 - EP US); **H04N 13/167** (2018.04 - EP US); **H04N 13/172** (2018.04 - EP US); **H04N 13/178** (2018.04 - EP US); **H04N 13/183** (2018.04 - EP US); **H04N 13/189** (2018.04 - EP US); **H04N 13/194** (2018.04 - EP US); **H04N 13/239** (2018.04 - EP); **H04N 13/359** (2018.04 - EP US); **H04N 13/398** (2018.04 - EP US); **H04N 19/597** (2014.11 - EP US); **H04N 19/61** (2014.11 - EP US); **H04N 21/426** (2013.01 - EP US); **H04N 21/42646** (2013.01 - EP US); **H04N 21/4305** (2013.01 - EP US); **H04N 21/43072** (2020.08 - EP KR US); **H04N 21/4325** (2013.01 - EP US); **H04N 21/4334** (2013.01 - EP US); **H04N 21/4392** (2013.01 - EP US); **G11B 2020/10546** (2013.01 - EP US); **G11B 2020/10675** (2013.01 - EP US); **G11B 2020/1074** (2013.01 - EP US); **G11B 2020/10805** (2013.01 - EP US); **G11B 2020/10953** (2013.01 - EP US); **G11B 2020/1288** (2013.01 - EP US); **G11B 2220/2562** (2013.01 - EP US); **H04N 5/46** (2013.01 - EP US); **H04N 5/775** (2013.01 - EP US); **H04N 7/012** (2013.01 - EP US); **H04N 7/0122** (2013.01 - EP US); **H04N 9/7921** (2013.01 - EP US); **H04N 9/8063** (2013.01 - EP US); **H04N 9/8205** (2013.01 - EP US); **H04N 9/877** (2013.01 - EP US); **H04N 13/10** (2018.04 - EP US); **H04N 13/15** (2018.04 - EP US); **H04N 13/239** (2018.04 - US); **H04N 13/341** (2018.04 - EP US); **H04N 13/361** (2018.04 - EP US); **H04N 13/363** (2018.04 - EP US); **H04N 2013/0085** (2013.01 - EP US)

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